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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/899,276B

DATE: 11/06/2002
TIME: 14:47:02

Input Set : A:\012627-023.ST25.txt
Output Set: N:\CRF4\11062002\I899276B.raw

#13/R.T.
11/19

Raw
Seq.
Listing

```

3 <110> APPLICANT: Rosl, Frank
4      Soto, Ubaldo
5      Coy, Johannes
6      Finzer, Patrick
7      Delius, Hajo
8      Poustka, Annemarie
9      zur Hausen, Harald
10     Patzelt, Andrea
12 <120> TITLE OF INVENTION: Novel Regulatory Sequences of the MCP-1 Gene
14 <130> FILE REFERENCE: 012627-023
16 <140> CURRENT APPLICATION NUMBER: US 09/899,276B
17 <141> CURRENT FILING DATE: 2001-07-06
19 <150> PRIOR APPLICATION NUMBER: EP 00 114 560.6
20 <151> PRIOR FILING DATE: 2000-07-06
22 <160> NUMBER OF SEQ ID NOS: 12
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 600
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapiens
31 <400> SEQUENCE: 1
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33 tagaaatggt gatgatgtgt acatcaagca gggagaaaac caatgaacca gatgcgaatt 120
34 cgggcccaca ccaatgtcaa gggatgacaa ttagaaagga aggttgagtc aagggtattg 180
35 aatgttaggg tgaaaagtta ctactcaact ctgtaggta aaaggaaacg ttgagaatct 240
36 tcagtccaat gaggagggat gtgccatgtt tagagattca gagataagtt tcaggaaatg 300
37 taacttatag attttatata tacacagaga aatacggact agtgagaagc tattgccatg 360
38 gtccaagcaa gagatgatga aggcctaaat atggagccaa agaggcagca atgaagaatg 420
39 agccatgcag ggtgaaatgc tgcattgtgt aaatggagga gaaagacctg tgacttcaga 480
40 tatgaaaacc tcatcttcaa cccacatttt aagggggcag cttccctgaa accagaatgt 540
41 gtttccctcc attactatac ccccatccca atctcaggca cctggaatca tccatttaaa 600
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 200
46 <212> TYPE: DNA
47 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 2
50 tgcagctaac ttattttccc ctagctttcc ccagacacct tgttttattt tattataatg 60
51 aattttgttt gttgatgtga aacattatgc cttaagtaat gttaattctt atttaagtta 120
52 ttgatgtttt aagtttatct ttcattgtac tagtgttttt tagatacaga gacttgggga 180
53 aattgctttt cctcttgtac                                200
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 150
57 <212> TYPE: DNA

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58 <213> ORGANISM: Homo sapiens
60 <400> SEQUENCE: 3
61 caaagatcac attctagctc tgaggatatag gcagaagcac tgggatttaa tgagctcttt 60
62 ctcttctcct gctgccttt tgctttttcc tcatgactct tttctgctct taagatcaga 120
63 ataatccagt tcatcctaaa atgctttttc 150
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 250
67 <212> TYPE: DNA
68 <213> ORGANISM: Homo sapiens
70 <400> SEQUENCE: 4
71 aggtttctat gatgctacta ttctgcattt gaatgagcaa atggatttaa tgcattgtca 60
72 gggagccggc caaagcttga gagctccttc ctggctggga ggccccttgg aatgtggcct 120
73 gaaggtaagc tggcagcgag cctgacatgc tttcatctag tttctcgtct tccttccttt 180
74 tctgcagttt tcgcttcaca gaaagcagaa tccttaaaaa taacctctct agttcacatc 240
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77 <210> SEQ ID NO: 5
78 <211> LENGTH: 300
79 <212> TYPE: DNA
80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 5
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84 ttaacatgcc tcaagtactc ctatcatatt tgtaagagac aacagttcac tgaaatgaat 120
85 tctaaggtct ttgggttttt atcagtgtgc ttctgtagtt tctgaggaaa tctaaggcac 180
86 aactgaggaa tgaagtcagg ctttccaatt cccgaaatac tctccactg cttactcatg 240
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91 <211> LENGTH: 300
92 <212> TYPE: DNA
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95 <400> SEQUENCE: 6
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97 ctgaggcagg agaacctctt gaatccagga ggcgaggtt gcagtgaagc gagatagtc 120
98 cactgcactc cagcctgggt gacagagtga gactctgtct caaaaaata aaataaaata 180
99 aaaaatgcag actgtgattc agcaggtctg ggttgaagcc cagaactctc tgataaattc 240
100 aatggcactt aactacttgg aggtcatgga tgcctttgct aatctaatag aagctactga 300
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104 <211> LENGTH: 650
105 <212> TYPE: DNA
106 <213> ORGANISM: Homo sapiens
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110 gtatctggaa tgcaggtccc agccaaatgc attctcttct acgggatctg ggaacttcca 120
111 aagctgcctc ctcagagtgg gaatttccac tcaacttctc cagccagca ctgacctccc 180
112 agcgggggag ggcactcttt cttgacagag cagaagtggg aggcagacag ctgtcacttt 240
113 ccagaagact ttcttttctg attcataccc ttcaccttcc ctgtgtttac tgtctgatat 300
114 atgcaaaggc caagtcactt tccagagatg acaactcctt cctgaagtag agacatgctt 360
115 ccaacactca gaagcctatg tgaacactca gccagcaaag ctggaagttt ttctctgtga 420
116 ccatgggcta attggtctcc ttctctggat tgtggcttat cagataaaaa caagtgagtc 480
117 atgccacagg atgtctataa gccattgat tctgggatc tatgagtgat gctgatatga 540

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118 ctaagccagg agagacttat ttaaagatct cagcatcttt cagcttgta acctagagaa 600
119 aacccgaagc atgactggat tataaaggga aattgaatgc ggtccaccaa 650
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 20
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Part of 3'-DHSR
129 <400> SEQUENCE: 8
130 ggaaggttga gtcaaggatt 20
132 <210> SEQ ID NO: 9
133 <211> LENGTH: 21
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Oligonucleotide
140 <400> SEQUENCE: 9
141 gataaggtga ctcagaaaag g 21
143 <210> SEQ ID NO: 10
144 <211> LENGTH: 21
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Oligonucleotide
151 <400> SEQUENCE: 10
152 ggaaggttga gtcaaggat t 21
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 21
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Oligonucleotide
162 <400> SEQUENCE: 11
163 cgcttgatga ctcagccgga a 21
165 <210> SEQ ID NO: 12
166 <211> LENGTH: 25
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Oligonucleotide
173 <400> SEQUENCE: 12
174 ttttgattg aagccaatat gataa 25

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/899,276B

DATE: 11/06/2002

TIME: 14:47:03

Input Set : A:\012627-023.ST25.txt

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